

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD33 (1981): Dimensions of Semiconductor Devices,
Device Outline OD33 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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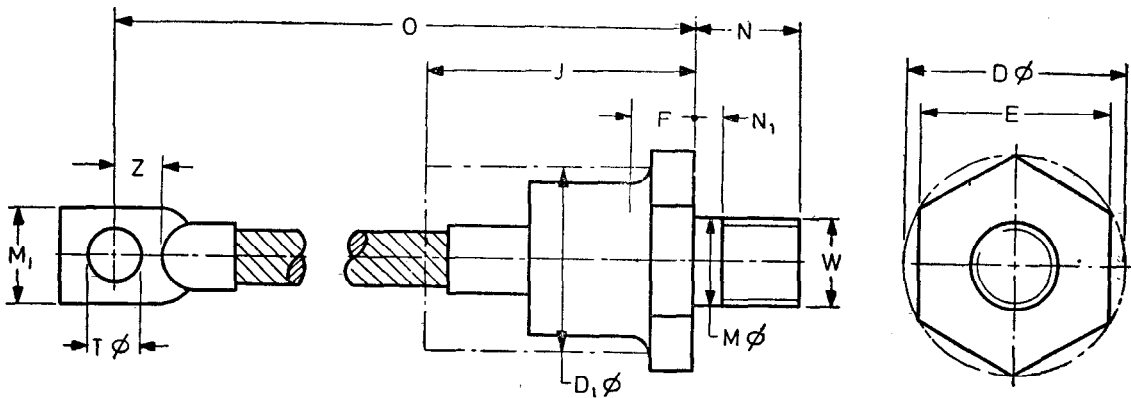


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD33

1. Dimensions

Note — This drawing has been prepared in accordance with IS : 5001 (Part I) - 1969 'Guide for the preparation of drawings of semiconductor devices and integrated circuits : Part I Semiconductor devices' and IS : 5001 (Part II) - 1973 'Guide for the preparation of drawings of semiconductor devices and integrated circuits : Part II Integrated circuits'.



Reference	Millimetres			Notes
	Min	Nom	Max	
ϕD	—	—	37.0	—
ϕD_1	—	—	32	2,1
E	—	32	—	—
F	7	—	—	—
J	—	—	82	1,3
ϕM	—	—	See Note 4	4
M ₁	—	—	22	5
N ₁	—	—	4	—
O	135	—	165	—
ϕT	—	See Note 6	—	6
Z	—	See Note 7	—	7

Ref	Type A			Type B			Type C		
	Min	Nom	Max	Min	Nom	Max	Min	Nom	Max
N	12	—	14	19	—	21	19	—	21
W	—	—	M16	—	—	M16	—	—	M16 x 1.5

Adopted 16 November 1981

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IS : 5000 (OD33)-1981

Note 1 — The device, with the exception of the hexagon, thread and flexible terminal, lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 must not be greater than the actual across flat dimensions of the hexagon used.

Note 3 — Dimension J is the seated height with the terminal bent at right angles.

Note 4 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 5 — The contour and orientation of the terminal lug are undefined.

Note 6 — Clearance hole for M8 or M10 bolt.

Note 7 — Minimum flat of 8 mm or 10 mm for M8 or M10 bolt respectively.

Country or Organization	Code		
	Type A	Type B	Type C
IEC	A15MA	A15MB	A15MC
Germany	106A2	—	106B2
France	—	F50M	—
USSR	KD5P1	—	—
Japan	SC-44A	—	SC-44B